

CLAIMS

We Claim:

1 1. A device for the automatic control of joints in electrical
2 high voltage lines, comprising:

3 a first support;

4 a first wheel for lying on the line;

5 a driving means for driving of said first wheel;

6 at least one second wheel, for lying on said line;

7 a measurement unit in contact with means for the measurement
8 of physical data at said joint, said measurement unit comprising at
9 least one pointed element for electrical contact with the line,

10 wherein at least one of said first and second wheels is
11 provided electrically connected to said measurement unit.

1 2. The device according to claim 1, wherein at least two of
2 said first and second wheels are electrically connected to said
3 measurement unit, the device further comprising:

4 means for feeding current is provided to feed an electrical
5 current from the first wheel to the second wheel through the line.

1 3. The device according to claim 1, wherein the means for
2 measurement of physical data in the form of one pointed element
3 also comprise at least one of said first and second wheels.

1 4. The device according to claim 1, further comprising:
2 a retainer, journalled in the support so as to be swung up
3 below the line to increase pressure of the wheel against the line.

1 5. The device according to claim 2, further comprising:
2 a retainer, journalled in the support so as to be swung up
3 below the line to increase pressure of the wheel against the line.

1 6. The device according to claim 3, further comprising:
2 a retainer, journalled in the support so as to be swung up
3 below the line to increase pressure of the wheel against the line.

1 7. The device according to claim 1, further comprising:
2 measurement indicators for measurement of the position of the
3 device in relationship to the actual joint.

1 8. The device according to claim 2, further comprising:
2 measurement indicators for measurement of the position of the
3 device in relationship to the actual joint.

1 9. The device according to claim 3, further comprising:
2 measurement indicators for measurement of the position of the
3 device in relationship to the actual joint.

1 10. The device according to claim 4, further comprising:
2 measurement indicators for measurement of the position of the
3 device in relationship to the actual joint.

1 11. The device according to claim 5, further comprising:
2 measurement indicators for measurement of the position of the
3 device in relationship to the actual joint.

1 12. The device according to claim 6, further comprising:
2 measurement indicators for measurement of the position of the
3 device in relationship to the actual joint.

1 13. The device according to claim 7, wherein the measurement
2 indicator comprises a laser distance gauge.

1 14. The device according to claim 8, wherein the measurement
2 indicator comprises a laser distance gauge.

1 15. The device according to claim 9, wherein the measurement
2 indicator comprises a laser distance gauge.

1 16. The device according to claim 10, wherein the measurement
2 indicator comprises a laser distance gauge.

1 17. The device according to claim 11, wherein the measurement
2 indicator comprises a laser distance gauge.

1 18. The device according to claim 12, wherein the measurement
2 indicator comprises a laser distance gauge.